FIG. 1

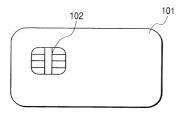
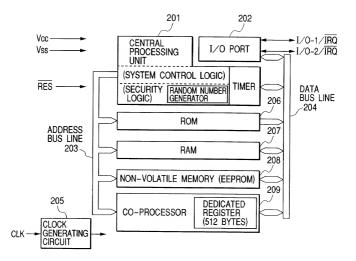
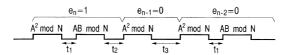


FIG. 2



### FIG. 3(a)



### FIG. 3(b)

### ENTER ARITHMETIC OPERATION OF DISTURBANCE $e_{n}=1 \qquad e_{n-1}=0 \qquad e_{n-2}=0$ $A^{2} \bmod N \qquad AB \mod N \qquad A^{2} \bmod N \qquad AB \mod N$ $t_{1} \qquad t_{2} \qquad t_{1} \qquad t_{2}$

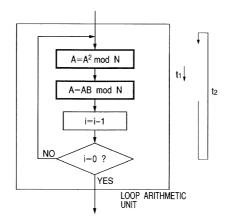


FIG. 5

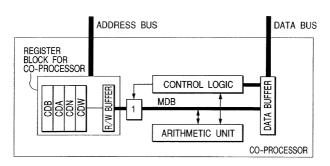
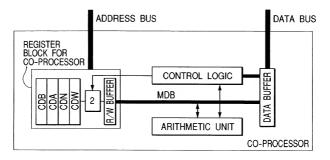
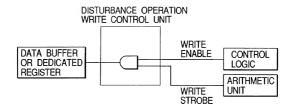
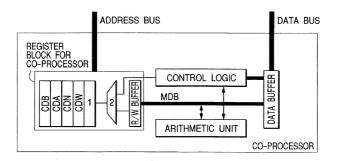


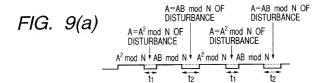
FIG. 6

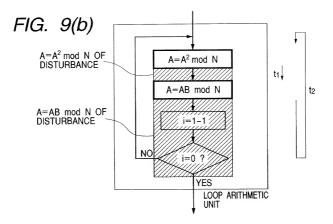


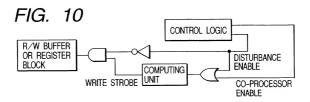
### FIG. 7



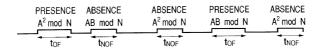




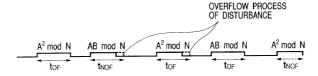


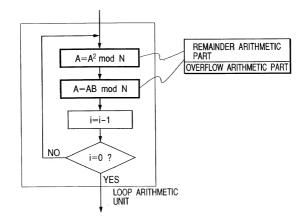


### FIG. 11(a)



### FIG. 11(b)





. .

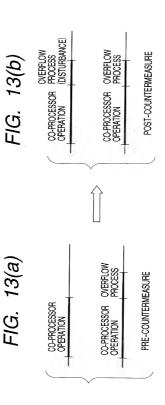
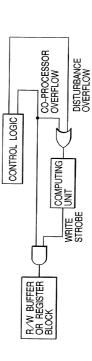
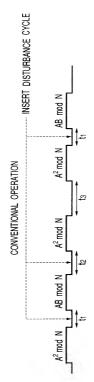


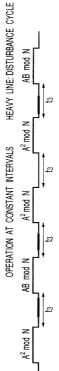
FIG. 14



# FIG. 15(a)



# FIG. 15(b)



# FIG. 15(c)



A=A² mod N

A=A² mod N

A=AB₁ mod N or
A=AB₂ mod N or
A=AB₃ mod N or
A=AB₃ mod N

i=i-2

VES

LOOP ARITHMETIC UNIT

FIG. 17

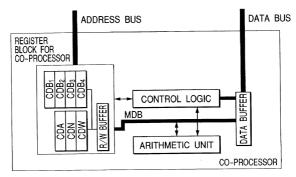


FIG. 18

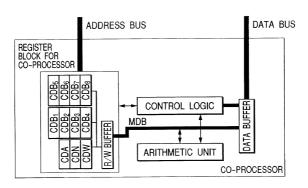


FIG. 19

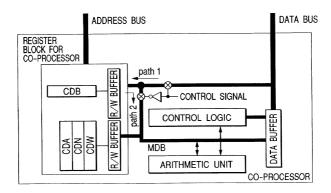


FIG. 20

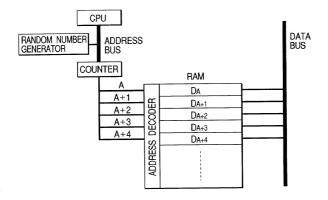


FIG. 21

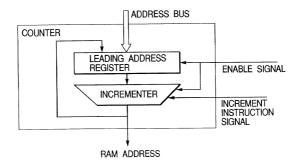


FIG. 22

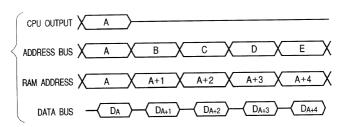


FIG. 23

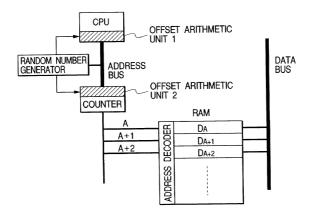


FIG. 24

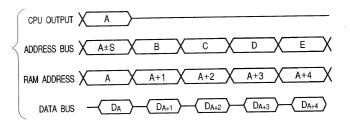


FIG. 26

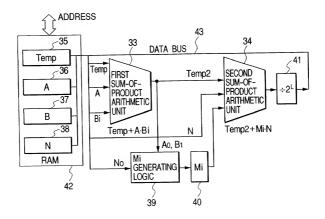


FIG. 25

